

ABSTRACT

1 A multiple bandwidth antenna assembly including a helical radiator
2 having at least a first helical pitch and a second helical pitch, a core plug having a
3 first axial piece and a second axial piece that abut one another, and a first recessed
4 pattern configured on the first axial piece to engage at least the first helical pitch
5 and a second recessed pattern configured on the second axial piece to engage at
6 least the second helical pitch.